Docket No. AUS9-2000-0390-US1

CLAIMS:

What is claimed is:

5 1. A method of synchronizing device addresses between two networks within a data processing system, the method comprising:

assigning a plurality of first unique addresses to each of a plurality of devices for a first network;

determining a plurality of second unique addresses for each of the plurality of devices for a second network; and

responsive to a determination that one of the plurality of first unique addresses is not identical to a corresponding one of the plurality of second unique addresses, reassigning a new unique address for the corresponding one of the plurality of devices such that the new unique address is identical to the corresponding one of the plurality of second unique addresses.

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- 2. The method as recited in claim 1, wherein the device is an input/output drawer.
- 3. The method as recited in claim 1, wherein the device 25 is expansion tower.
 - 4. The method as recited in claim 1, wherein the first unique address corresponds to an SPCN system address.
- 30 5. The method as recited in claim 1, wherein the second unique address corresponds to an RIO system address.

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6. The method as recited in claim 1, wherein the device is a CD-ROM drive.

- 5 7. The method as recited in claim 1, wherein the device is a DVD ROM drive.
 - 8. The method as recited in claim 1, wherein the device is a hard drive.

A computer program product in a computer readable media for use in a data processing system for synchronizing device addresses between two networks within a data processing system, the computer program product comprising:

first instructions for assigning a plurality of first unique addresses to each of a plurality of devices for a first network;

second instructions for determining a plurality of second unique addresses for each of the plurality of devices for a second network; and

third instructions, responsive to a determination that one of the plurality of first unique addresses is not identical to a corresponding one of the plurality of second unique addresses, for reassigning a new unique address for the corresponding one of the plurality of devices such that the new unique address is identical to the corresponding one of the plurality of second unique addresses.

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10. The computer program product as recited in claim 9,

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wherein the device is an input/output drawer.

11. The computer program product as recited in claim 9, wherein the device is expansion tower.

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- 12. The computer program product as recited in claim 9, wherein the first unique address corresponds to an SPCN system address.
- 10 13. The computer program product as recited in claim 9, wherein the second unique address corresponds to an RIO system address.
- 14. The computer program product as recited in claim 9, 15 wherein the device is a CD-ROM drive.
 - 15. The computer program product as recited in claim 9, wherein the device is a DVD ROM drive.
- 20 16. The computer program product as recited in claim 9, wherein the device is a hard drive.
 - 17. A system for synchronizing device addresses between two networks within a data processing system, the system comprising:

first means for assigning a plurality of first unique addresses to each of a plurality of devices for a first network;

second means for determining a plurality of second unique addresses for each of the plurality of devices for a second network; and

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third means, responsive to a determination that one of the plurality of first unique addresses is not identical to a corresponding one of the plurality of second unique addresses, for reassigning a new unique address for the corresponding one of the plurality of devices such that the new unique address is identical to the corresponding one of the plurality of second unique addresses.

- 10 18. The system as recited in claim 17, wherein the device is an input/output drawer.
 - 19. The system as recited in claim 17, wherein the device is expansion tower.

20. The system as recited in claim 17, wherein the first unique address corresponds to an SPCN system address.

- 21. The system as recited in claim 17, wherein the 20 second unique address corresponds to an RIO system address.
 - 22. The system as recited in claim 17, wherein the device is a CD-ROM drive.
 - 23. The system as recited in claim 17, wherein the device is a DVD ROM drive.
- 24. The system as recited in claim 17, wherein the 30 device is a hard drive.